



"Made to Measure" Process Instrumentation for Pressure and Temperature Measurement in the Food, Pharmaceutical, Bio-Technology, Chemical, Petro-Chemical, Power, Environmental and Maritime Industries.

## Manufacturer's Declaration

Measuring devices with hygienic design for operation  
in sterile and aseptic production areas

HE\_012

Manufacturer

**LABOM Mess- und Regeltechnik GmbH  
Im Gewerbepark 13, 27798 Hude**

We hereby declare that our products with the designation

**HY**

are especially suitable for operation in hygienic and aseptic production areas.

This is achieved by

- the use of suitable materials (e.g stainless steel 316L, use of elastomers with FDA approval)
- geometries and surfaces that are easy to clean by design
- special treatment during production to avoid surface imperfections
- low surface roughness
  - diaphragm foils  $R_a \leq 0.4 \mu\text{m}$
  - other surfaces in contacts with medium  $R_a \leq 0.8 \mu\text{m}$
- protection against humidity/water (at least IP65)

Hude, 10.02.2014  
LABOM Mess- und Regeltechnik GmbH

i.V.  
Dr. T. Köster  
R & D Manager